

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR		CONTRACT NO./TASK NO.		JOB ORDER NUMBER	APPROPRIATE
QSS Group, Inc.		NAS5- 99124	TASK NO. 368	AMENDMENT	730-259-20-23-89 2001
TASK TITLE: (NTE 80 characters; include Project name) MBLA Failure Modes and Effects Analysis					
APPROVALS: (Type or print name and sign)					
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)			DATE	ORG CODE	MAIL CODE
Oscar Gonzalez <i>Lay Smith for</i>			9/15/00	730	730
BRANCH HEAD			DATE	CODE	PHONE
Jay Smith <i>Jay Smith</i>			9/15/00	730	301-286-5185
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)			DATE	CODE	PHONE
Robert S. Lehair, Jr. <i>Robert S. Lehair</i>			9/20/00	560	301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? <small>(If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)</small>		CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
[X] NO [] YES					
The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.				(To be completed by Contracting Officer) C.O. Requested Quote on: Date: SEP 20 2000	
Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [] YES					
Flight hardware will be shipped to GSFC for testing prior to final delivery. [X] NO [] YES [] N/A					
Government Furnished Property/Facilities: [X] NO [] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)					
Onsite Performance: [X] NO [] YES If yes: [] TOTAL [] PARTIAL If partial, indicate onsite work in SOW by asterisk (*)					
Surveillance Plan Attached: [X] NO [] YES					
Highlighted Contract Clauses: (to be completed by Contracting Officer)					
The effective date of this task order is the date of the Contracting Officer's signature below.					
INCENTIVE FEE STRUCTURE (check one) (See Contract NAS5-99124, Attachment K, Incentive Fee Plan)					
	No. 1	No. 2	No. 3	X No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%
(To be completed by Contracting Officer)					
The target cost of this task order is \$ <u>65,969</u> .					
The target fee of this task order is \$ <u>4,288</u> .					
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ <u>70,256</u> .					
The maximum fee is \$ <u>6,267</u> .					
The minimum fee is \$0.					
AUTHORIZED SIGNATURE:					
THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"					
<i>Theresa J. Becker</i>		<u>10/19/00</u>		<i>Theresa J. Becker</i>	
SIGNATURE OF CONTRACTING OFFICER		DATE		TYPED NAME OF CONTRACTING OFFICER	
CONTRACTOR'S ACCEPTANCE:					
AUTHORIZED SIGNATURE					
DATE					

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QSS Group, Inc.

NAS5-

99124

TASK NO.

368

AMENDMENT

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall perform a bottom-up analysis on the MBLA instrument of component level failures and their effect at the system level (instrument level). This analysis must identify and address all critical hardware that may affect mission safety and success. All credible failure modes and their resultant effects (at component and system level) must be identified and documented. The contractor shall provide a well defined sequence of steps that encompass:

- a) Failure modes
- b) Failure effects
- c) Failure causes
- d) Detectability
- e) Corrective action and/or preventative action(s) (mitigation techniques, etc.)
- f) Acceptance rationale

PERFORMANCE SPECIFICATIONS:

Final Report to contain the detailed engineering results of the analysis as described in the Statement of Work above. This report shall describe the analyses performed as well as report the technical findings and supporting rationale from the analysis. The report should be delivered in either MS Word or Powerpoint format suitable for posting to the Web. Any drawings and figures generated for this study shall be supplied separately in a generally accepted format suitable for reading and use by PCs and MacIntosh computers.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

1. Laser Electrical Drawings
2. Detectors Electrical Drawings
3. Data Electronics Electrical Drawings
4. Power Supply Electronics Electrical Drawings
5. VCL Spacecraft ICD

TASK END DATE: 1/8/01**MILESTONES/DELIVERABLES AND DATES:**

1. FMEA Final Report: due by 1/8/01
2. Technical Progress Report: Monthly, 15th of the month

PERFORMANCE STANDARDS:

Schedule: On time delivery of final report
Technical: ATR acceptance of final report

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Oscar Gonzalez, building 23, room S224